## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001603

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C23C 14/56, C23C 14/30, C23C 14/16, C23C 30/00 According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

## IPC7: C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

## SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

# EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
<b>X</b>	US 4763601 A (SEISHIRO SAIDA ET AL), 16 August 1988 (16.08.1988), column 1, line 56 - line 64; column 3, line 18 - line 28; column 5, line 55 - line 57, column 7, line 46 - column 8, line 16; column 8, line 67 - column 10, line 11; figure 6	1-12	
x	EP 0570618 A1 (NISSIN ELECTRIC COMPANY, LIMITED), 24 November 1993 (24.11.1993), column 1, line 5 - column 9, line 44; column 14, line 29 - column 15, line 12, figure 1	1,12	
A	US 5429843 A (KATSUHIKO MASAKI ET AL), 4 July 1995 (04.07.1995), column 3, line 29 - line 31	1,2,12	

X	Further documents are listed in the continuation of Box	c C.	X See patent family annex.		
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority		
"A"	document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understa the principle or theory underlying the invention		
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	•	step when the document is taken alone		
<b>"O"</b>	special reason (as specified)	"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is		
	document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P"	document published prior to the international filing date but later than the priority date claimed	<b>"&amp;"</b>	document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report			
15	February 2005		1 6 -02- 2005		
Nan	ne and mailing address of the ISA/	Autho	ized officer		

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International application No.

PCT/SE 2004/001603

		PC1/SE 2004	
C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relev	Relevant to claim No.	
Α	PATENT ABSTRACTS OF JAPAN vol. 014, no. 334, 18 July 1990 (1990-07-18) & JP 2122064 A (SUMITOMO METAL IND LTD), 9 May 1990 (1990-05-09) abstract		4-9
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סנויים שוני	A/210 (continuation of second sheet) (January 2004)	<del></del>	<u> </u>

# INTERNATIONAL SEARCH REPORT Information on patent family members

30/01/2005

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EP .	0570618	A1	24/11/1993	DE JP US JP	69215077 D,T 5320906 A 6294479 B 5320907 A	06/03/1997 07/12/1993 25/09/2001 07/12/1993
US	5429843	A	04/07/1995	DE EP JP JP WO KR	69220566 D,T 0572673 A,B 5320874 A 6052257 U 9310275 A 166098 B	19/02/1998 08/12/1993 07/12/1993 15/07/1994 27/05/1993 15/01/1999

Form PCT/ISA/210 (patent family annex) (January 2004)